

**CITY OF MILPITAS
ENGINEERING DIVISION**

Bid Title:	Reservoirs Evaluation & Upgrades
PROJECT NOS.	7091
BID DATE:	29-Sep-05

BID ITEMS					ENGINEERING ESTIMATE CITY OF MILPITAS		1 San Jose Water Co.		2 Bamer Construction		3 Spiess Construction Co., Inc	
ITEM NO	REFERENCE (SPECS SEC)	APPROX. QUANT.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Ayer SFPUC Zone 2SF Reservoir Installation												
1.1	E-28	162	LF	14" Diameter HDPE Pipe & Fittings	\$213.75	\$34,627.50	\$343.68	\$55,676.16	\$292.00	\$47,304.00	\$415.00	\$67,230.00
1.2	E-30	1	LS	Stainless Steel Piping, Fittings & Tubings	\$12,825.00	\$12,825.00	\$1,951.25	\$1,951.25	\$7,424.00	\$7,424.00	\$16,940.00	\$16,940.00
1.3	E-31	1	LS	Valves & Appurtenances	\$13,360.00	\$13,360.00	\$1,275.00	\$1,275.00	\$16,010.00	\$16,010.00	\$10,620.00	\$10,620.00
1.4	E-32	1	LS	Pipe Supports & Thrusts Blocks	\$11,356.00	\$11,356.00	\$42,914.23	\$42,914.23	\$22,011.00	\$22,011.00	\$26,950.00	\$26,950.00
1.5	E-33	1	LS	Reservoir Draining, Cleaning, & Disinfection	\$32,063.00	\$32,063.00	\$10,037.50	\$10,037.50	\$20,064.00	\$20,064.00	\$28,150.00	\$28,150.00
1.6	E-35	1	LS	Ayer SFPUC Zone 2SF: Install Sampling System	\$9,000.00	\$9,000.00	\$5,432.50	\$5,432.50	\$5,189.00	\$5,189.00	\$7,050.00	\$7,050.00
Subtotal for Ayer SFPUC Reservoir						\$113,231.50	\$117,286.64	\$118,002.00	\$156,940.00			
Gibraltar SFPUC Zone 1SF Reservoir Installation												
2.1	E-28	173	LF	14" Diameter HDPE Pipe & Fittings	\$213.75	\$36,978.75	\$244.61	\$42,317.53	\$281.00	\$48,613.00	\$400.00	\$69,200.00
2.2	E-30	1	LS	Stainless Steel Pipings, Fittings, & Tubings	\$12,825.00	\$12,825.00	\$24,688.08	\$24,688.08	\$7,458.00	\$7,458.00	\$18,800.00	\$18,800.00
2.3	E-31	1	LS	Valves & Appurtenances	\$16,032.00	\$16,032.00	\$6,697.50	\$6,697.50	\$18,777.00	\$18,777.00	\$12,520.00	\$12,520.00
2.4	E-32	1	LS	Pipe Supports & Thrust Blocks	\$10,955.00	\$10,955.00	\$13,935.00	\$13,935.00	\$22,360.00	\$22,360.00	\$31,850.00	\$31,850.00
2.5	E-33	1	LS	Reservoir Draining, Cleaning & Disinfection	\$32,063.00	\$32,063.00	\$7,940.00	\$7,940.00	\$20,064.00	\$20,064.00	\$28,150.00	\$28,150.00
2.6	E-35	1	LS	Gibraltar SFPUC Zone 1SF: Install Sampling System	\$9,000.00	\$9,000.00	\$5,508.75	\$5,508.75	\$5,189.00	\$5,189.00	\$7,050.00	\$7,050.00
Subtotal for Gibraltar SFPUC Zone 1SF Reservoir						\$117,853.75	\$101,086.86	\$122,461.00	\$167,570.00			
Gibraltar SCVWD Zone 2SC Reservoir Installation												
3.1	E-28	187	LF	14" Diameter HDPE Pipe & Fittings	\$213.75	\$39,971.25	\$236.59	\$44,242.33	\$281.00	\$52,547.00	\$380.00	\$71,060.00
3.2	E-30	1	LS	Stainless Steel Piping, Fittings & Tubing	\$12,825.00	\$12,825.00	\$24,688.08	\$24,688.08	\$7,458.00	\$7,458.00	\$18,800.00	\$18,800.00
3.3	E-31	1	LS	Valves & Appurtenances	\$16,032.00	\$16,032.00	\$6,697.50	\$6,697.50	\$18,777.00	\$18,777.00	\$12,520.00	\$12,520.00
3.4	E-32	1	LS	Pipe Supports & Thrust Blocks	\$12,558.00	\$12,558.00	\$13,935.00	\$13,935.00	\$24,209.00	\$24,209.00	\$34,300.00	\$34,300.00
3.5	E-33	1	LS	Reservoir Draining, Cleaning & Disinfection	\$32,063.00	\$32,063.00	\$7,940.00	\$7,940.00	\$20,064.00	\$20,064.00	\$28,150.00	\$28,150.00
3.6	E-35	1	LS	Gibraltar SCVWD Zone 2SC: Install Sampling System	\$9,000.00	\$9,000.00	\$5,508.75	\$5,508.75	\$5,881.00	\$5,881.00	\$7,050.00	\$7,050.00
Subtotal for Gibraltar SCVWD Zone 2SC Reservoir						\$122,449.25	\$103,011.66	\$128,936.00	\$171,880.00			
GRAND TOTAL					\$353,534.50	GRAND TOTAL	\$321,385.16	GRAND TOTAL	\$369,399.00	GRAND TOTAL	\$496,390.00	
							Apparent Low Bidder					

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City of Milpitas, California

BUDGET CHANGE FORM

Type of Change	From		To	
	Account	Amount	Account	Amount
Check one:				
<input checked="" type="checkbox"/> Budget Appropriation	401-9517091153999 400-2970	\$200,000 \$200,000	401-951709114800	\$5,000
			401-951709124800	\$20,000
			401-951709144800	\$15,000
			401-951709174800	\$160,000
<input type="checkbox"/> Budget Transfer			400-3999	\$200,000

Explain the reason for the budget change:

On August 2, 2005, the City Council approved the project plans and specifications and authorized the advertisement for construction bid proposals. This project involves upgrades to the Gibraltar and Ayer Reservoirs, needed to optimize operations, as well as upgrades for the conversion to chloramine disinfection by the San Francisco Public Utility Commission. The improvements include installation of pipes, pipe supports, and TideFlex® valves to insure proper circulation of water in the reservoirs in order to maintain a high level of water quality.

The project was advertised and sealed bid proposals were opened on September 29, 2005. The Engineer's Estimate for the work was \$360,000. The lowest responsible bidder was determined to be the San Jose Water Company. A budget appropriation in the amount of \$200,000 is required in order to award this project, and funds are available from the Water Fund.

Approve a budget appropriation for \$200,000 from the Water Fund into City Reservoir Evaluation and Upgrade CP 7091 for the upgrades to the Gibraltar and Ayer Reservoirs.

☒ Check if City Council Approval required.

Meeting Date: October 18, 2005

Itemization of funds, if needed:			Amount
<div>Requested by:</div> <div>Division Head:</div> <div>Department Head:</div> <div>Reviewed by:</div> <div>Finance Director:</div> <div>Approved by:</div> <div>City Manager:</div>			
Date approved by City Council, if required:			Confirmed by: